

REMARKS

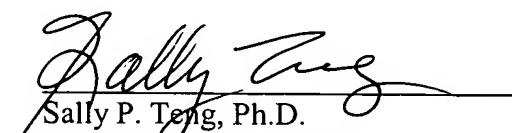
In response to the Restriction Requirement in the Office Action, dated October 12, 2006, Applicants hereby elect with traverse, the invention of Group II, claims 36, 37, 40 and 41, drawn to a method comprising transforming a plant with a nucleic acid comprising a sequence which encodes a mutated fatty acid hydroxylase. Claims 36, 37, 40, and 41 have been cancelled and replaced with new claims 43-50. New claims 43-50 are directed to a method of altering an amount of an unsaturated fatty acid in a seed of a plant comprising transforming the plant with a nucleic acid encoding a mutant form of a fatty acid desaturase. Accordingly, new claims 43-50 are directed to the same invention as claims 36, 37, 40, and 41.

Applicants respectfully traverse the restriction requirement. The inventions of Groups I and II are both directed to methods of altering an amount of an unsaturated fatty acid in a seed of a plant comprising transforming the plant with a nucleic acid encoding a fatty acid hydroxylase. The inventions of both groups require similar steps. Moreover, both inventions are classified in class 800, subclass 281. The search for one of the inventions would result in finding art that is pertinent to the other invention. It would not be a serious burden on the Patent Office to search and examine both groups. Accordingly, claims 35, 38, 39, and 42-50 should be examined together.

If there are any additional fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-0310. If a fee is required for an extension of time under 37 C.F.R. §1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,
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